

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 33344
 Name: Quest Cherokee, LLC
 Address: 211 W. 14th Street
 City/State/Zip: Chanute, KS 66720
 Purchaser: Bluestem Pipeline, LLC
 Operator Contact Person: Gary Laswell
 Phone: (620) 431-9500
 Contractor: Name: Well Refined
 License: 33072

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Wellsite Geologist: _____
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
 Operator: _____
 Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>12/20/05</u>	<u>12/21/05</u>	<u>12/29/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-23812-00-00
 County: Labette
SE - NW nw - nw Sec. 23 Twp. 31 S. R. 18 East West
575 feet from S / (N) (circle one) Line of Section
575 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Smith, Loren J. Well #: 23-1
 Field Name: Cherokee Basin CBM
 Producing Formation: _____
 Elevation: Ground: 922 Kelly Bushing: n/a
 Total Depth: 1155 Plug Back Total Depth: 1043.3
 Amount of Surface Pipe Set and Cemented at 21.4 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1043.3
 feet depth to surface w/ 164 _____ sx cm.
ALT II WITH 8-23-06

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used _____
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
 Title: Head of Operations Date: 4/8/06
 Subscribed and sworn to before me this 8th day of April,
 2006.
 Notary Public: [Signature]
 Date Commission Expires: July 30, 2009

KCC Office Use ONLY

N Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

JENNIFER R. AMMANN
 Notary Public - State of Kansas
 My Appt. Expires July 30, 2009

✓

Operator Name: Quest Cherokee, LLC Lease Name: Smith, Loren J. Well #: 23-1
 Sec. 23 Twp. 31 S. R. 18 East West County: Labette

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Comp. Density/Neutron Log Dual Induction Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See attached
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	20#	21.4	"A"	4	
Production	6-3/4"	4-1/2"	10.5#	1043.30	"A"	164	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	886-888/948-950	400gal 15%HCLw/ 18 bbbls 2%kcl water, 464 bbbls water w/ 2%KCL, Biocide, 8000 20/40 sand	
	589-591/612-656/626-628/612-614/617-618/727-729	400gal 15%HCLw/ 27 bbbls 2%kcl water, 603bbbls water w/ 2%KCL, Biocide, 11500 20/40 sand	
	502-506/528-532	400gal 15%HCLw/ 34 bbbls 2%kcl water, 498bbbls water w/ 2%KCL, Biocide, 6800 20/40 sand	

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>1019.49</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>1/31/06</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>31.3 mcf</u>	Water Bbls. <u>107.5 bbls</u>	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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Rig #:	2	Lic # 33344
API #:	15-133-2630:099-23812-00-00	
Operator:	Quest Cherokee, LLC	
Address:	9520 North May Avenue - Suite 300	
	Oklahoma City, OK 73120	

S 23	T 31 S	R 18 E
Location:		C NW NW
County:		Labette

				Gas Tests			
Well #:	23-1	Lease Name: Loren J. Smith		Depth	Oz.	Orifice	flow - MCF
Location:	575 ft. from N	Line		205		No Flow	
	575 ft. from W	Line		305		No Flow	
Spud Date:	12/20/2005			330		No Flow	
Date Completed:	12/21/2005			430		No Flow	
Geologist:				505		Gas Check Same	
Casing Record	Surface	Production		555		Gas Check Same	
Hole Size	12 1/4"	6 3/4"		605		Gas Check Same	
Casing Size	8 5/8"			630		Gas Check Same	
Weight				655		Gas Check Same	
Setting Depth	21.4			680		Gas Check Same	
Cement Type	Portland			730		Gas Check Same	
Sacks	4			905	9	3/8	10.7
Feet of Casing	21.6			930	7	3/8	9.45
				953	10	3/8	11.3
Rig Time		Work Performed		980	15	3/8	13.9
Used Booster				1055	10	3/8	11.3

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	3	Overburden	247	251	shale	421	423	shale
3	10	clay	271	260	lime	501	424.5	coal
115	12	black shale	275	264	shale	504	433	shale
116	38	sand	278	266	black shale	508	438	sand
166	51	shale	281	268	shale	0	472	shale
168	63	lime	295	271	sand	510	501	Oswego lime
185	115	shale	317	275	lime	528	504	shale
195	116	black shale	322	278	shale	529	508	Summit shale
209	166	shale	336	281	sandy shale			wet
211	168	black shale	345	295	shale	508	510	shale
214	185	shale	395	317	sand	532.5	528	lime
235	195	lime	415	322	shale	537	529	shale
246	209	shale	418	336	sand	540	531	Mulky black shale
247	211	black shale	421	345	sandy shale			wet
Quest Chero	214	shale	0	395	shale	531	532.5	coal
Bottom	235	lime	Bottom	415	Pink lime	Bottom	537	shale
557	246	shale	757.5	418	shale	0	540	lime
0	247	black shale	760	421	Lexington black s	0	545	shale

Operator: Quest Cherokee, LLC Lease Name: Loren J. Smith Well # 23-1 page 2

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
545	557	sand	756	757.5	coal			
555		add water	806	760	shale			
557	585	shale	815	767	sand			
591.5		add water	884	773	shale			
585	586	Ardmore lime	885	774	coal			
599	589	shale	890	806	shale			
600	590	Crow black shale	891.5	815	shale			
611	591.5	coal	914	884	shale			
612	595	shale	915	885	Rowe coal			
615	599	Cattelman sand	918	890	shale			
617	600	coal	919	891.5	Neutral coal			
624	611	shale	923	914	shale			
626	612	lime	948	915	coal			

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627.5	615	shale	950.5	918	shale		
637	617	black shale	960	919	coal		
645	624	shale	970	923	shale		
653.5	626	sand	1055	948	sandy shale		
655	627.5	coal	0	950.5	Riverton coal		
673	637	shale	0	960	shale		
674.5	645	sandy shale	0	970	Mississippi chat		
683	653.5	shale	0	1055	lime		
689	655	coal	1055		Total Depth		
690	673	shale					
698	674.5	coal					
723	683	shale					
724	689	sand					
727	690	coal					
728.5	698	sand					
730	723	shale					
749	724	coal					
756	727	shale					
0	728.5	Weir coal					
0	730	shale					
0	749	Bartlesville sand					
0	756	shale					

Notes:

05LL-122105-R2-060-Loren J. Smith 23-1-Quest

Abbreviations used: d=dark, g=gray, sh or shl=shale, snd or sd=sand, m=med, br=brown, chrt=chert, cht=chat, /=with, l=lime, w=white, strks or stks =streaks, lam=laminated, grn=green, mg=medium gray, b or blk=black, dg=dark gray, sdy=sandy, shly=shaley,

Keep Drilling - We're Willing!!

DESCRIPTION OF WORK PERFORMED			
LOGGING		PERFORATING	
RUN CASING		FRACTURING	
CEMENTING		EQUIPPING	
ACIDIZING		OTHER	
12/29/2005			
JOB SUMMARY			
Quest Cherokee Oilfield Service, LLC			
RE:	Run & Cement Longstring Notified Russel at KCC Office 12/29/05 @ 12:20pm		
2:15pm	Casing Trailer on location		
2:45pm	Quest rig on location and rigged up		
3:10pm	Quest TIH with 1042.30' of casing		
3:15pm	QCOS on location and rigged up		
4:00pm	Quest landed casing		
4:20pm	Quest rigged down and moved off location		
4:45pm	QCOS - pump Circulate with fresh water, run 10 bbls dye, cement until dye returns, flush pump, pump plug with KCL water, set float shoe		
5:15pm	QCOS rigged down and moved off location		
CEMENT SUMMARY:			
Total Cement: 164sxs			
Cement Blend: 5# gilsonite and 1/4# flo-seal, straight cement, 2% cal chloride			
Cement Slurry Weight: 14.5			
Average Surface Pressure:			
Running cement circulation pressure: 250psi			
pumping plug circulation pressure: 450psi			
Circulation during job: Good			
HOLE / CASING/ FLOAT EQUIPMENT SUMMARY:			
Hole Size & Depth : 6 3/4" 1055 ft.			
Casing Size & Depth: New 4 1/2" 10.5# per/ft Rge3 1043.30' plus shoe			
280 Centralizer			
560 Centralizer			
800 Centralizer			
1000 Centralizer			
1 ea	4 1/2" on bottom & 4 1/2"		
Baffle Locations			
561.39			
802.09			

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